

T3 100 YEAR FLOODWAY
 J1 -10 6 555.13
 J2 15 -1
 EJ

ER

CATAB5 JOB RTI.A25.PO1198,DMC,M=1,T=2,P=200,PRTY=0
 //*PROCLIB=RTI.MG.PROCLIB
 // EXEC HEC2
 //SYSIN DD *

T1 CATAWBA RIVER TRIB 5
 T2 GASTON CO. FIS JOB # 207022
 T3 100 YEAR FLOOD WATER SURFACE PROFILE
 J1 -1 4 578.02
 J2 0 -1
 J3 38 39 40 41 43 42 1 2 26 53
 J3 54 25 50 0 200
 NC 0.150 0.150 0.090 0.1 0.3
 QT 5 680 1170 1400 1950 1400
 ET 5 -10.4
 X1 2700 22 1243 1263 2700 2700 2700
 GR 588.0 1000 580.4 1050 577.3 1100 574.6 1129 573.7 1150
 GR 572.6 1158 572.3 1160 572.8 1162 573 1164 572.3 1165
 GR 573.2 1168 572.6 1173 572.3 1176 573.7 1178 574 1200
 GR 574.0 1243 573.1 1244 572.2 1246 573.1 1251 574.8 1263
 GR 584 1300 588 1321
 NC 0.090 0.090 0.070 0.1 0.3
 X1 3750 22 1234 1263 1050 1050 1050
 GR 590.8 1000 586.7 1005 587.2 1014 587.2 1024 587.2 1034
 GR 586.8 1050 586.6 1100 586.7 1150 586.4 1167 586.3 1176
 GR 586.2 1185 585.4 1196 585 1200 579.6 1234 576.2 1249
 GR 575.5 1255 576.2 1257 580.3 1263 580.7 1300 581.9 1331
 GR 585.1 1350 590.8 1381
 NC .050 .050 .025
 X1 3776 23 1292 26 26 26 0.00
 GR 594.7 1000 581.5 1050 588.3 1100 586.4 1150 585.7 1200
 GR 585.9 1255 577.1 1274 574.7 1275 573.6 1277.5 574.7 1280
 GR 577.1 1292 577.7 1285 575.3 1286 574.2 1288.5 575.3 1291
 GR 577.7 1292 577.8 1292.5 578.4 1300 580.9 1335.5 581.8 1350
 GP 584 1385.5 593.3 1400 594.7 1412
 SP 584 1.5 2.5 11 177 574.0 573.6
 X1 3824 22 1274 1292 48 48 48
 X2 1 582.2 505.7
 BT 20 1000 594.7 0 1050 591.5 0 1100 588.3 0
 BT 1150 586.4 0 1200 585.7 0 1250 585.9 0 1274
 BT 586.1 577.5 1275 586.1 580 1277.5 586.1 581 1280 586.1
 BT 580 1281 586.1 577.5 1285 586.1 578.7 1286 586.1 581.2
 BT1288.5 586.2 582.2 1291 586.2 581.2 1292 586.3 578.7 1300

BT	586.4	0	1350	588.9	0	1400	593.3	0	1412	594.7
BT	0									
GR	594.7	1000	591.5	1050	588.3	1100	586.4	1150	585.7	1200
GR	585.9	1250	577.5	1274	575.1	1275	574	1277.5	575.1	1280
GR	577.5	1281	578.7	1285	576.2	1286	575.2	1288.5	576.2	1291
GR	578.7	1292	579.2	1300	581.3	1335.5	582.2	1350	584.4	1385.5
GR	593.3	1400	594.7	1412						
NC	0.080	0.100	0.070	0.1	0.3					
X1	3849	10	1078	1107	25.5	25.5	25.5		-0.91	
GR	590.9	1000	585.7	1050	583.9	1078	576.4	1090	575.8	1092
GR	576.4	1095	580	1107	583.1	1150	586.2	1200	590.9	1246
X1	3875	0			25.5	25.5	25.5		0.91	
NC	0.090	0.090	0.070	0.1	0.3					
X1	4900	14	1245	1285	1025	1025	1025			
GR	601.7	1000	597.9	1022	595.8	1050	594.6	1100	594.1	1150
GR	594.1	1200	594.5	1245	587.6	1261	585.8	1270	594.9	1274
GR	585.8	1279	592	1285	592.7	1292	601.7	1309		
NC	0.070	0.070	0.050	0.1	0.3					
QT	5	470	830	1010	1450	1010				
X1	7170	9	1050	1127	2270	2270	2270		-2.81	
GR	631.1	1000	631.5	1002	632.8	1050	626	1071	614.8	1082
GR	614.4	1085	614.8	1089	621.4	1100	633.3	1127		
X1	7184	0			13.7	13.7	13.7		0.08	
X1	7198	18	1122	1130	13.7	13.7	13.7		0.00	
GR	632.1	1000	628.4	1041	628.9	1043	629.1	1050	630.2	1091
GR	627.2	1100	623.4	1112	618.8	1122	611.8	1122	611.8	1126
GR	611.8	1130	618.8	1130	618.8	1141	622.7	1150	633.7	1168
GR	637.2	1200	639.3	1250	641.5	1294				
NC	0.070	0.070	0.015	0.1	0.3					
X1	7199	0			1.0	1.0	1.0		0.02	
BT	10	1000	632.1	0	1050	633.2	0	1100	634.2	0
BT	1122	634.6	618.8	1126	634.7	618.8	1130	634.9	618.8	1150
BT	635.6	0	1200	637.2	0	1250	639.3	0	1294	641.5
BT	0									
X1	7322	19	1122	1130	123	123	123		-0.02	
BT	10	1000	632.1	0	1050	633.2	0	1100	634.2	0
BT	1122	634.6	621.2	1126	634.7	621.2	1130	634.9	621.2	1150
BT	635.6	0	1200	637.2	0	1250	639.3	0	1294	641.5
BT	0									
GR	640.0	576	632.1	1000	630.9	1041	631.4	1043	631.6	1050
GR	632.7	1091	629.8	1100	625.9	1112	621.3	1122	614.3	1122
GR	614.3	1126	614.3	1130	621.3	1130	621.3	1141	625.2	1150
GR	633.2	1168	637.2	1200	639.3	1250	641.5	1294		
NC	0.070	0.070	0.050	0.1	0.3					
X1	7323	0			1	1	1		0.00	
X1	7336	11	1050	1127	13.7	13.7	13.7		-0.08	
GR	640.0	535	631.1	1000	631.5	1002	632.8	1050	626.0	1071
GR	614.8	1082	614.4	1085	614.8	1089	621.4	1100	633.3	1127
GR	640.0	1375								
X1	7350	0			13.7	13.7	13.7		0.00	

NC	0.100	0.100	0.080	0.1	0.3					
X1	7395	14	1102	1121	45	45	45	-0.93		
GR	640.0	557	635.7	1000	625.1	1020	623.5	1050	621.4	1100
GR	621.3	1102	618.9	1105	618.4	1107	618.9	1110	619.0	1116
GR	622.2	1121	625.1	1150	636.4	1185	640.0	1400		
X1	7464	16	1064	1072	69	69	69	0.00		
GR	640.0	518	632.2	1000	622.9	1011	622.7	1019	622.0	1050
GR	621.7	1064	618.9	1065	617.8	1068	618.9	1070.8	621.7	1072
GR	623.7	1100	624.5	1111	635.8	1146	638.1	1150	640.2	1194
GR	640.0	1368								
NC	0.070	0.070	0.025	0.1	0.3					
ET	5					-5.4				
X1	7465	0			1	1	1	0.00		
BT	11	1000	632.3	0	1019	631.5	0	1050	633.2	0
BT	1064	633.9	621.8	1065.2	634	624.6	1068	634.2	625.8	1070.8
BT	634.3	624.6	1072	634.4	621.8	1100	635.9	0	1150	638.1
BT	0	1194	640.2	0						
X1	7634	14	1064	1072	169	169	169	-0.00		
BT	11	1000	632.3	0	1019	631.5	0	1050	633.2	0
BT	1064	633.9	621.9	1065.2	634	624.8	1068	634.2	625.9	1070.8
BT	634.3	624.8	1072	634.4	621.9	1100	635.9	0	1150	638.1
BT	0	1194	640.2	0						
GR	640.0	518	632.3	1000	623.0	1011	622.9	1019	622.2	1050
GR	621.9	1064	619.1	1065.2	617.9	1068	619.1	1070.8	621.9	1072
GR	623.9	1100	624.6	1111	638.1	1150	640.2	1194		
NC	0.100	0.100	0.080	0.1	0.3					
X1	7635	0			1	1	1	0.00		
X1	7705	14	1102	1121	69.8	69.8	69.8	-0.25		
GR	640.0	707	635.7	1000	625.1	1020	623.5	1050	621.4	1100
GR	621.3	1102	618.9	1105	618.4	1107	618.9	1110	619.0	1116
GR	622.2	1121	625.1	1150	636.4	1185	640.0	1380		
X1	7775	0			69.8	69.8	69.8	0.25		
NC	0.080	0.080	0.065	0.1	0.3					
X1	8700	14	1091	1122	925	925	925	0.00		
GR	645.1	1000	643.7	1007	637.4	1021	636.4	1050	635.4	1091
GR	630	1096	629.7	1101	630	1103	630.7	1108	635.3	1122
GR	635.4	1150	637.2	1200	642.6	1250	645.1	1260		
X1	8708	0			8	8	8	0.88		
ET	5					-10.4				
X1	8715	22	1156.1	1167.9	7	7	7	0.00		
GR	648	1000	639.2	1078.1	638.5	1100	638.2	1107.1	637.2	1148.1
GR	633.4	1156.1	632	1156.7	631.4	1158.1	632	1159.5	633.4	1160.1
GR	634.5	1161.9	632.4	1162.8	631.5	1164.9	632.4	1167	634.5	1167.9
GR	637.1	1179.1	637.2	1200	637.2	1207.1	638.9	1257.1	643.6	1300
GR	644.4	1307.1	650.7	1335						
NC	0.070	0.070	0.025	0.1	0.3					
X1	8716	0			1	1	1	0.00		
BT	15	1000	648	0	1100	645.1	3	1156.1	644.5	633.4
BT	1156.7	644.5	634.8	1158.1	644.5	635.4	1159.5	644.5	634.8	1160.1
BT	644.5	633.4	1161.9	644.5	634.5	1162.8	644.5	636.6	1164.9	644.6

BT	637.5	1167	644.6	636.6	1167.9	644.7	634.5	1200	645.4	0
BT	1300	648.4	0	1335	650.7	0				
ET	5					-2.4				
X1	8794	22	1156.1	1167.9	78	78	78		0.00	
BT	15	1000	648	0	1100	645.1	0	1156.1	644.5	633.6
BT	1156.7	644.5	635	1158.1	644.5	635.6	1159.5	644.5	635	1160.1
BT	644.5	633.6	1161.9	644.5	635.8	1162.8	644.5	637.9	1164.9	644.6
BT	638.8	1167	644.6	637.9	1167.9	644.7	635.8	1200	645.4	0
BT	1300	648.4	0	1335	650.7	0				
GR	648	1000	639.4	1078.1	638.7	1100	638.4	1107.1	637.4	1148.1
GR	633.6	1156.1	632.2	1156.7	631.6	1158.1	632.2	1159.5	633.6	1160.1
GR	635.8	1161.9	633.7	1162.8	632.8	1164.9	633.7	1167	635.0	1167.9
GR	637.3	1179.1	637.4	1200	637.4	1207.1	639.1	1257.1	643.8	1300
GR	644.6	1307.1	650.7	1335						
NC	0.08	0.08	0.065	0.1	0.3					
X1	8795	0			1	1	1		0.00	
X1	8803	14	1091	1122	8	8	8		2.84	
GR	645.1	1000	643.7	1007	637.4	1021	636.4	1050	635.4	1091
GR	630	1096	629.7	1101	630	1103	630.7	1108	635.3	1122
GR	635.4	1150	637.2	1200	642.6	1250	645.1	1260		
X1	8810	0			7.5	7.5	7.5		0.88	
QT	5	250	480	600	910	600				
ET	5					-10.4				
X1	10100	14	1214	1240	1290	1290	1290		0.00	
GR	660	1000	655.2	1050	653.1	1100	651.3	1150	649.2	1200
GR	649.5	1214	644.5	1221	644.4	1223	645.1	1227	651.3	1240
GR	652.6	1250	653.3	1300	658.4	1350	660	1376		
X1	10103	0			3	3	3		0.81	
X1	10105	21	1389.5	1398.5	2	2	2		0.00	
GR	664.5	1000	662.8	1100	661.6	1171	659.8	1200	656.8	1221
GR	654.7	1271	653.6	1300	652.9	1321	652	1389.5	646	1389.5
GR	646	1394	645	1398.5	652	1398.5	652.1	1400	652.9	1411
GR	654.2	1421	656.9	1471	658.7	1500	660	1521	661.9	1600
GR	664.5	1667								
NC	0.070	0.070	0.015	0.1	0.3					
X1	10106	0			1	1	1		0.01	
BT	11	1000	664.5	0	1100	662.8	0	1200	661.1	0
BT	1300	659.3	0	1389.5	658.8	652	1394	658.8	652	1398.5
BT	658.7	652	1400	658.7	0	1500	659.5	0	1600	661.9
BT	0	1667	664.5	0						
X1	10234	19	1389.5	1398.5	128	128	128		-0.01	
BT	11	1000	664.5	0	1100	662.8	0	1200	661.1	0
BT	1300	659.3	0	1389.5	650.8	653.9	1394	658.8	653.9	1398.5
BT	658.7	653.9	1400	658.7	0	1500	659.5	0	1600	661.9
BT	0	1667	664.5	0						
GR	664.5	1000	662.8	1100	661.1	1200	658.7	1221	656.6	1271
GR	655.6	1300	654.8	1321	653.9	1389.5	647.9	1389.5	647.9	1394
GR	647.9	1398.5	653.9	1398.5	654	1400	654.8	1411	656.1	1421
GR	658.8	1471	659.5	1500	661.9	1600	664.5	1667		
NC	.1	.1	0.080	.1	.3					

X1 10235	0			1	1	1			0.01	
X1 10238	14	1214	1240	2.5	2.5	2.5			4.37	
GR 660	1000	655.2	1050	653.1	1100	651.3	1150	649.2	1200	
GR 649.5	1214	644.5	1221	644.4	1223	645.1	1227	651.3	1240	
GR 652.6	1250	655.3	1300	658.4	1350	660	1376			
X1 10240	0			2.5	2.5	2.5			0.81	

EJ
T1 CATAWBA RIVER TRIB 5
T2 GASTON CO. FIS JOB # 207022
T3 100 YEAR FLOODWAY
J1 -10 6 579.02
J2 15 -1
EJ

ER
EPPLET JOB RTI.A25.P01198.DMC.M=1.T=1.P=100.PRTY=2
//*PROCLIB=RTI.MG.PROCLIB
// EXEC HEC2
//SYSIN DD *

T1 EPPLET BRANCH CRAMERTON
T2 GASTON CO. FIS JOB # 207022
T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	-1	4							571.10	
J2	0		-1							
J3	38	39	40	41	43	42	1	2	26	53
J3	54	25	50	0	200					
NC	.045	.045	.04	.1	.3					
QT	5	110	220	290	470	290				
ET						7.1	1200	1400		
X1	300	28	1200	1400	300	300	300			
GR 587.0	1000	578.7	1100	578.5	1103	574.2	1122	571.3	1200	
GR 570.2	1300	571.4	1400	571.4	1500	570.7	1600	570.9	1700	
GR 571.6	1800	572.5	1900	575.6	1982	572.3	1987	571.9	1990	
GR 572.3	1992	573.7	1994	576.9	2000	582.4	2108	582.9	2200	
GR 583.2	2300	583.8	2400	583.5	2500	584.1	2600	584.3	2624	
GR 584.4	2669	586.0	2708	587.9	2740					
ET						7.1	1155	1215		
X1	640	10	1174	1184	340	340	340		-5.84	
GR 591.4	1000	582.2	1050	581.7	1100	580.6	1150	579.6	1174	
GR 576.2	1177	579.8	1184	580.1	1200	581.3	1250	591.4	1291	
ET						-10.4				
X1	672	0		32.4	32.4	32.4			1.46	
NC	.04	.04	.025	.1	.3					
X1	705	21	1244.3	1247.8	32.4	32.4	32.4		0.00	
GR 588.3	1000	586.2	1050	583.5	1100	579.3	1119	579	1150	
GR 578.8	1169	578.1	1200	577.7	1219	576.7	1243	573.9	1244.3	
GR 573.4	1245	573.3	1246	573.4	1247	573.9	1247.8	575.2	1250	
GR 576.9	1253	577.2	1269	577.9	1300	578.4	1319	587.1	1350	